

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091486.D
 Acq On : 7 Dec 2016 23:02
 Operator : UM/SJ
 Sample : H5869-09 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP19-COMP5

Manual Integrations
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Quant Time: Dec 08 01:13:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	164344	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	588045	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	306455	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	493282	20.00	ng	0.00
75) Chrysene-d12	13.98	240	339983	20.00	ng	0.00
86) Perylene-d12	15.41	264	285534	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	366939	36.47	ng	0.00
7) Phenol-d6	6.46	99	436711	35.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	343370	32.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	112665	38.83	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	452257	26.72	ng	-0.01
78) Terphenyl-d14	12.93	244	326066	20.85	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	49492	2.67	ng	98
70) Phenanthrene	11.37	178	271473	10.59	ng	99
71) Anthracene	11.42	178	80432	3.16	ng	98
74) Fluoranthene	12.56	202	487419	20.08	ng	96
77) Pyrene	12.79	202	558512	21.65	ng	98
80) Benzo(a)anthracene	13.97	228	284311	14.30	ng	93
82) Chrysene	14.00	228	205215m	10.43	ng	
85) Indeno(1,2,3-cd)pyrene	16.78	276	108188	6.00	ng	# 87
87) Benzo(b)fluoranthene	15.00	252	251310m	14.16	ng	
88) Benzo(k)fluoranthene	15.01	252	111908m	7.50	ng	
89) Benzo(a)pyrene	15.34	252	209362	13.14	ng	98
91) Benzo(a,h,i)perylene	17.20	276	118778	7.81	ng	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

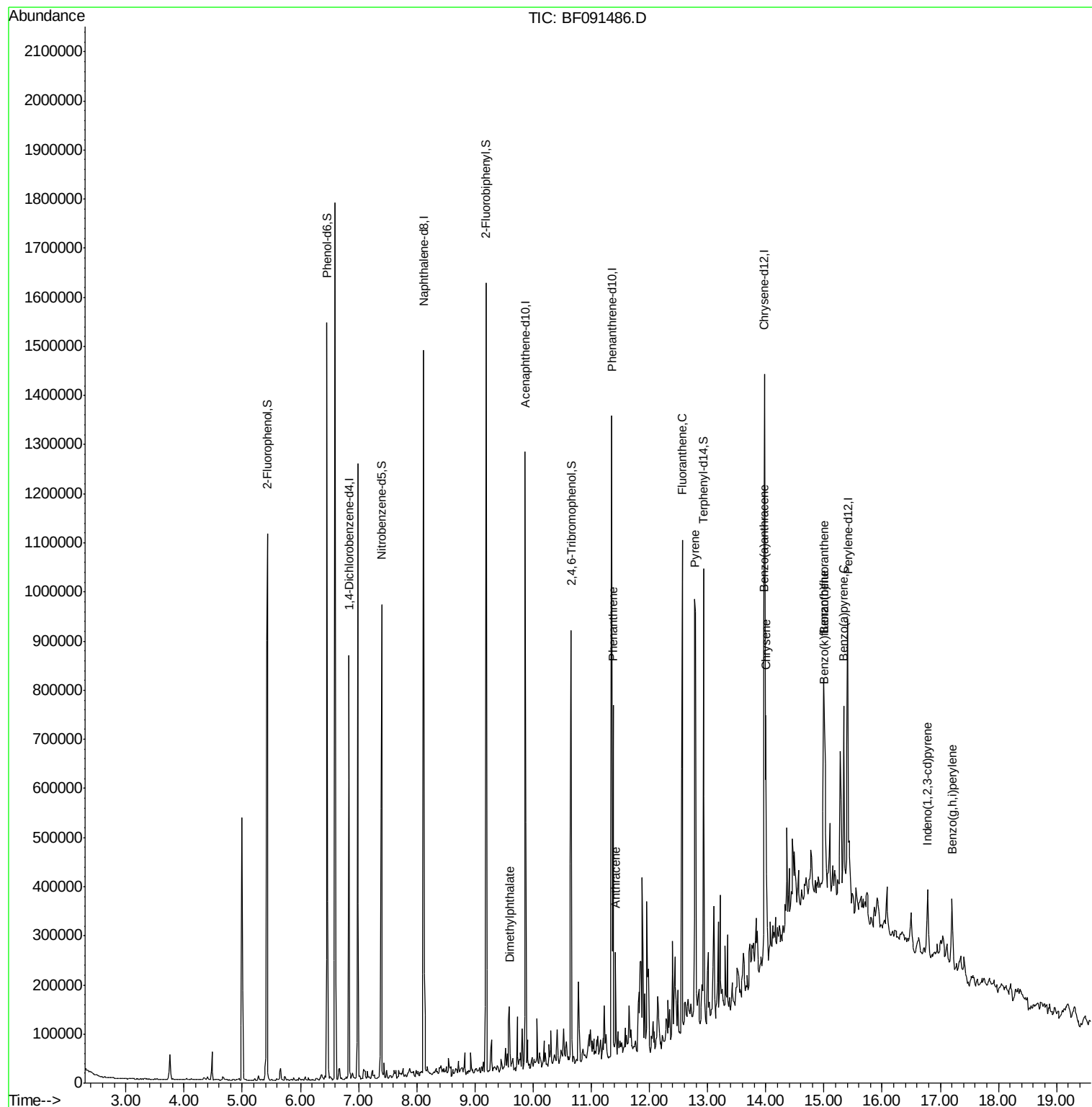
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
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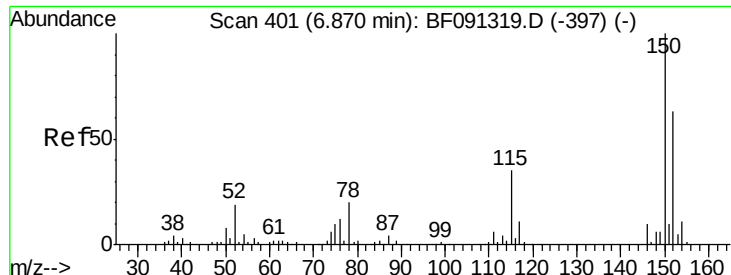
Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

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Quant Time: Dec 08 01:13:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

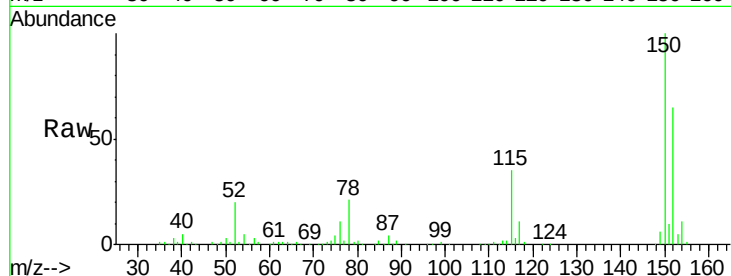
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

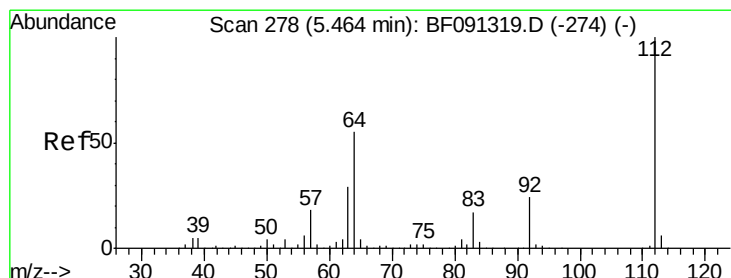
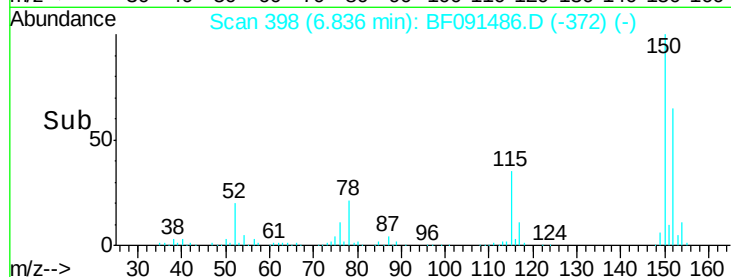
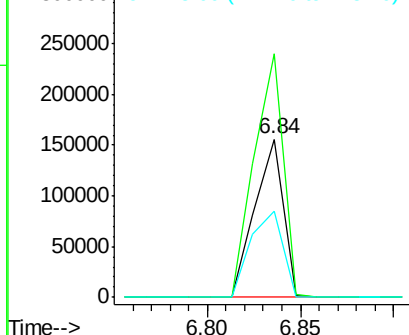
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.5	183.7
115	54.5	51.8	77.8

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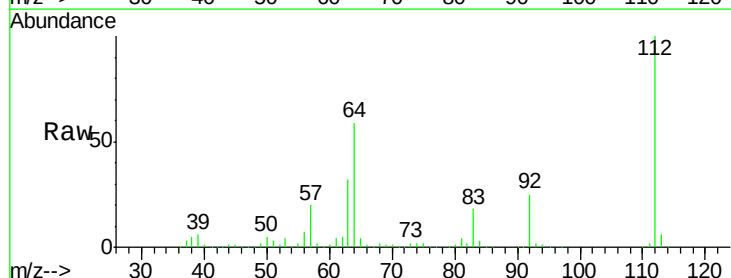
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



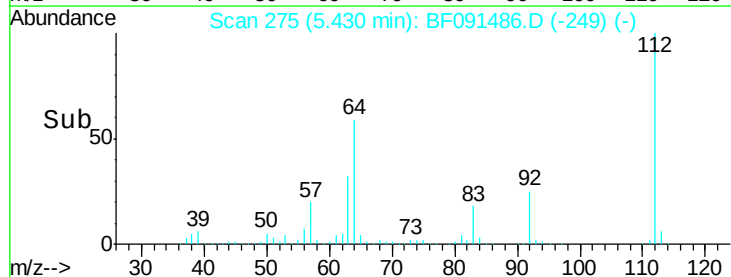
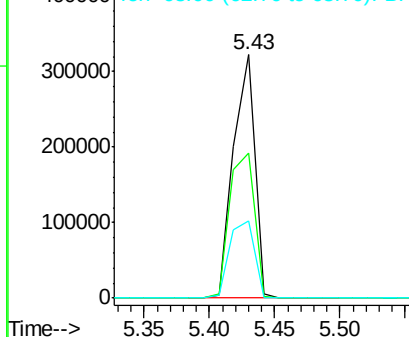
#5

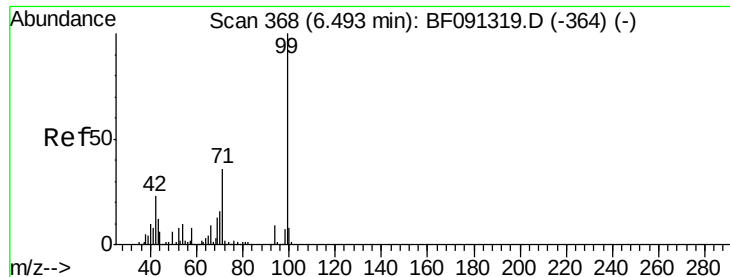
2-Fluorophenol
Concen: 36.47 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	61.5	92.3#
63	31.8	33.3	49.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.26 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Instrument :

BNA_F

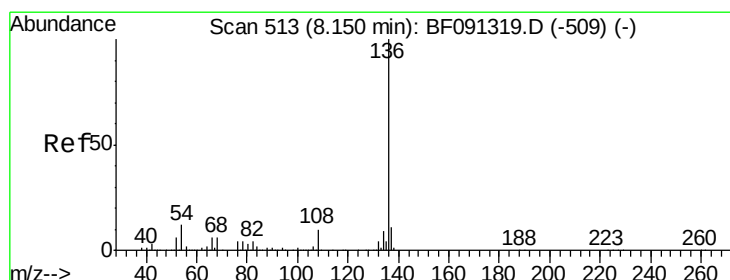
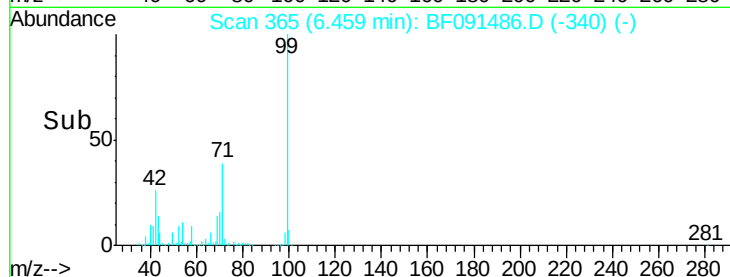
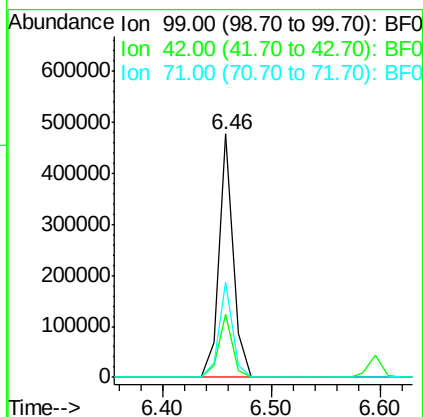
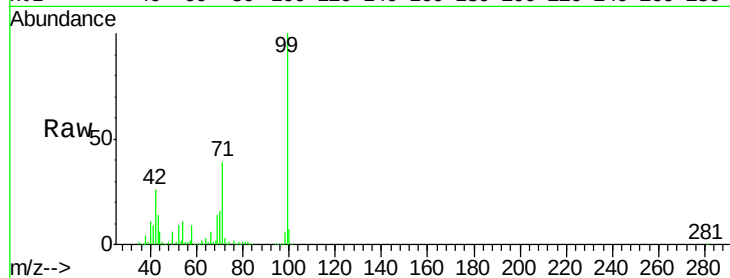
ClientSampleId :

TP19-COMP5

Tot Ion:	99	Resp:	436711
Ion	Ratio	Lower	Upper
99	100		
42	26.0	20.6	31.0
71	39.0	29.9	44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

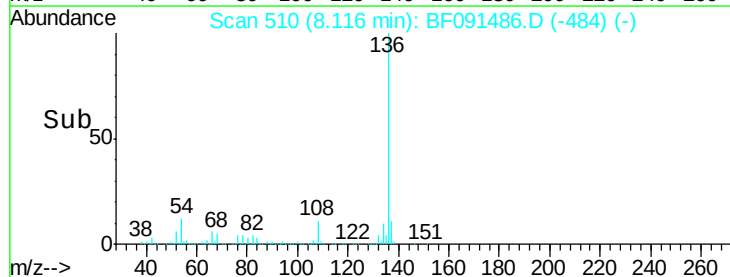
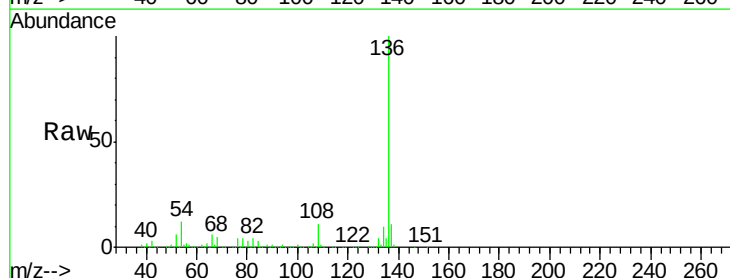
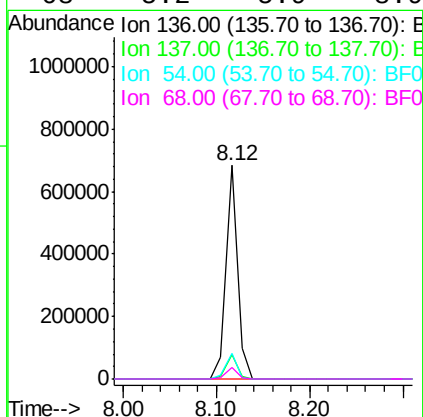
RT: 8.12 min Scan# 510

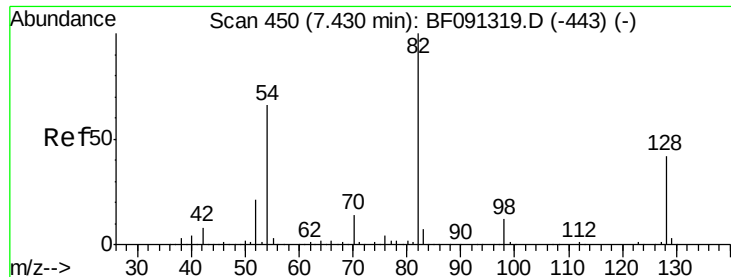
Delta R.T. -0.00 min

Lab File: BF091486.D

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Tgt Ion:	136	Resp:	588045
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	12.2	9.1	13.7
68	5.2	5.9	8.9#





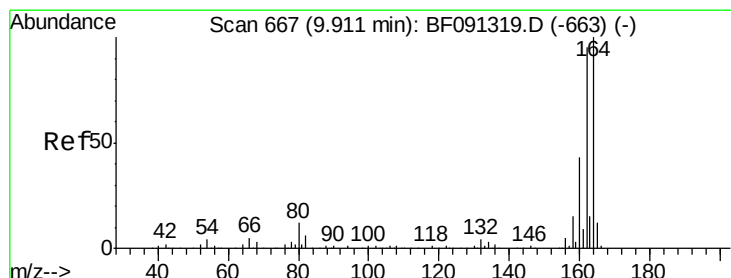
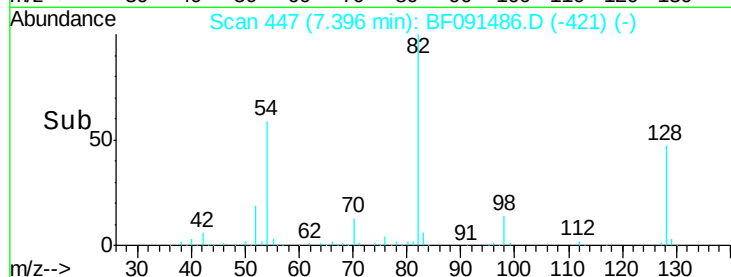
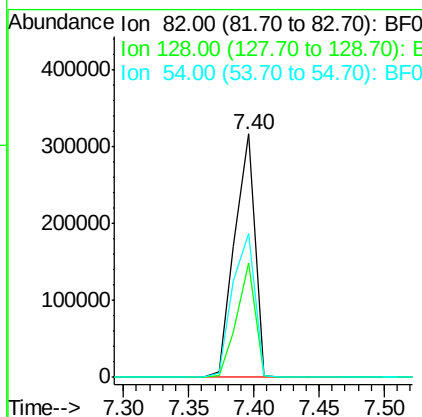
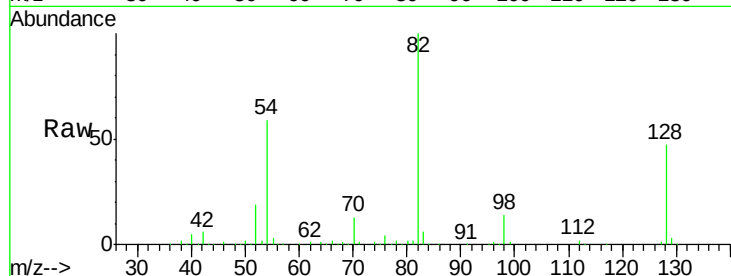
#23
Nitrobenzene-d5
Concen: 32.72 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.8	47.6
54	59.0	49.1	73.7

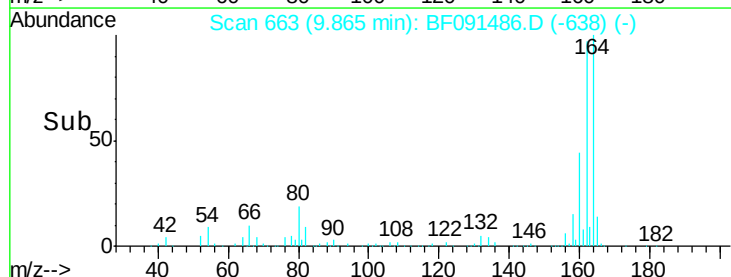
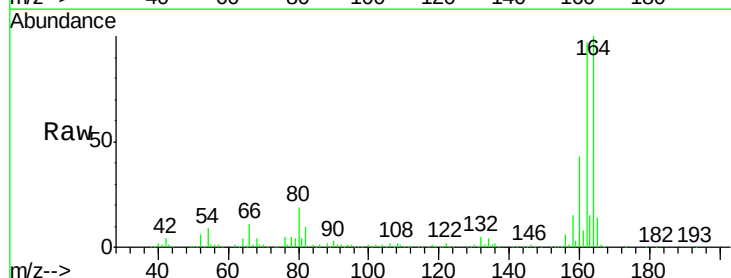
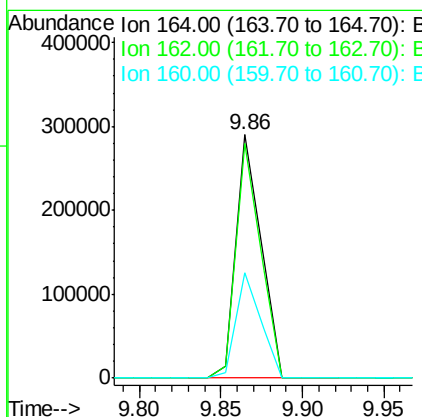
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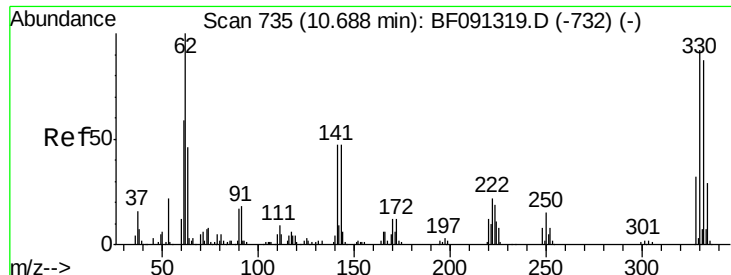
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.6	124.0
160	43.5	36.7	55.1





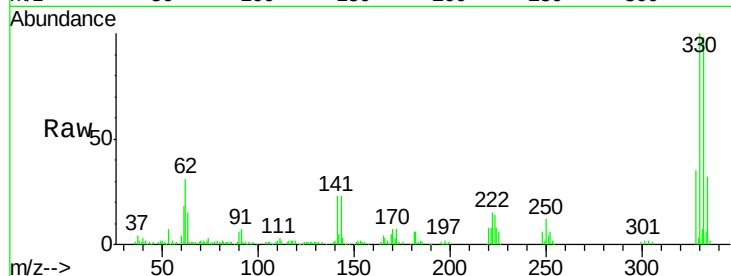
#41
 2,4,6-Tribromophenol
 Concen: 38.83 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF091486.D
 Acq: 7 Dec 2016 23:02

Instrument :
 BNA_F
 ClientSampleId :
 TP19-COMP5

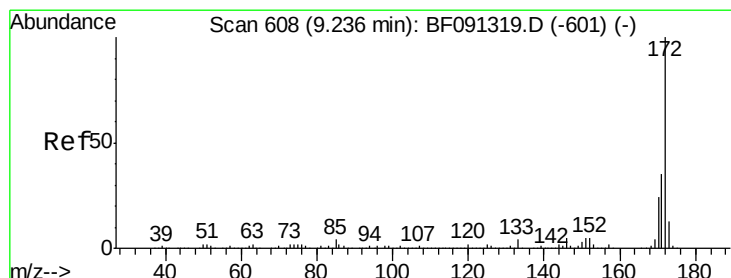
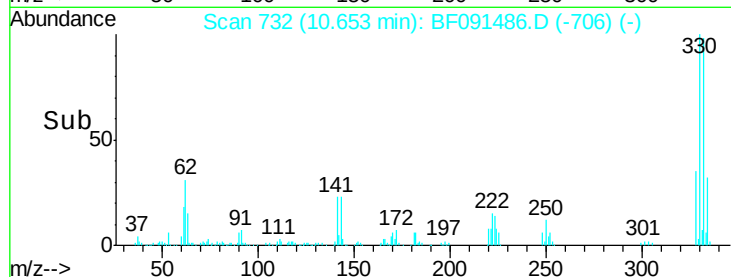
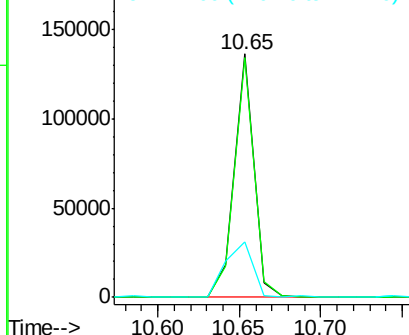
Tot Ion	Ratio	Resp	Lower	Upper
330	100	112665		
332	98.6	76.2	114.4	
141	33.2	33.6	50.4#	

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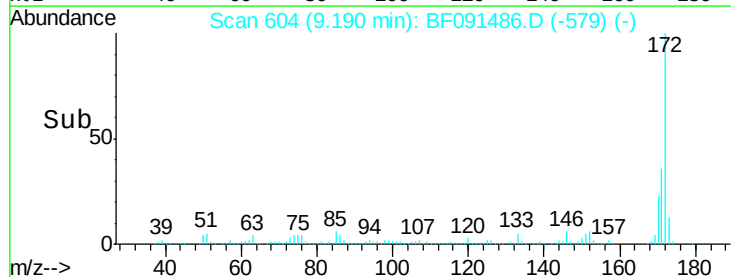
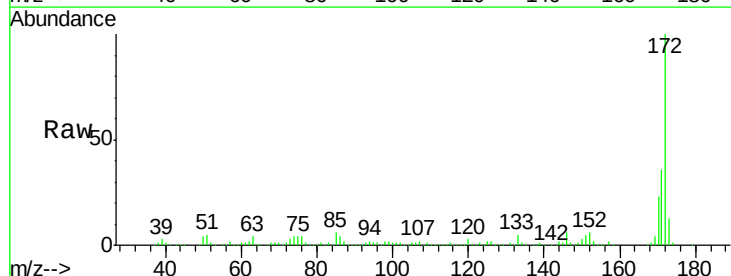
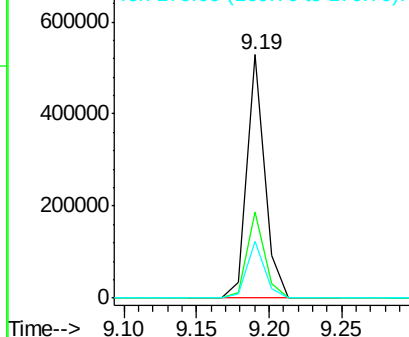
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

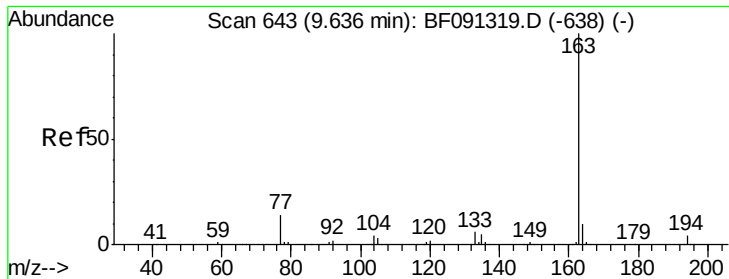


#44
 2-Fluorobiphenyl
 Concen: 26.72 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091486.D
 Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	452257		
171	35.5	29.4	44.0	
170	23.3	19.7	29.5	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





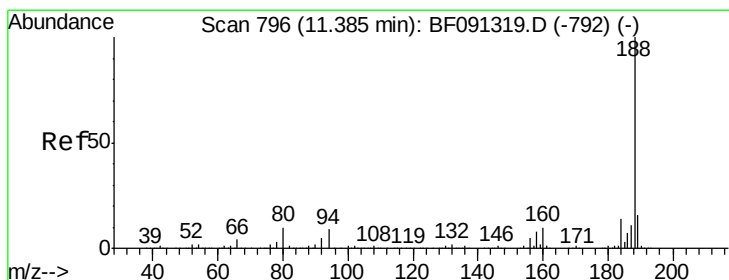
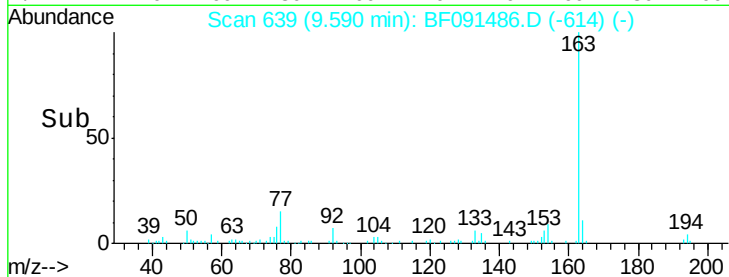
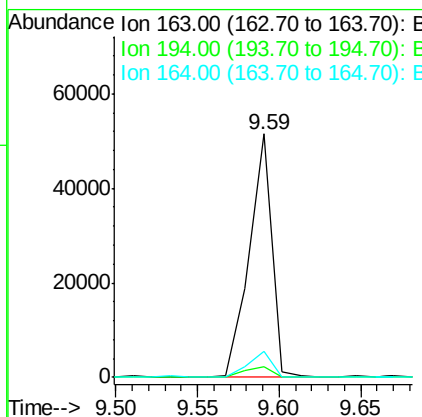
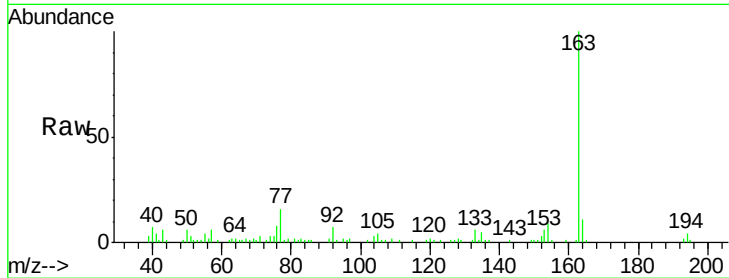
#49
Dimethylphthalate
Concen: 2.67 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	10.6	7.8	11.8

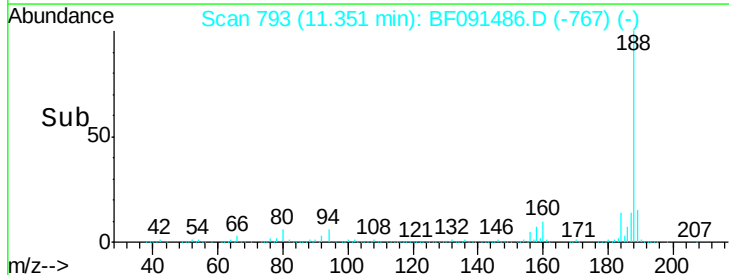
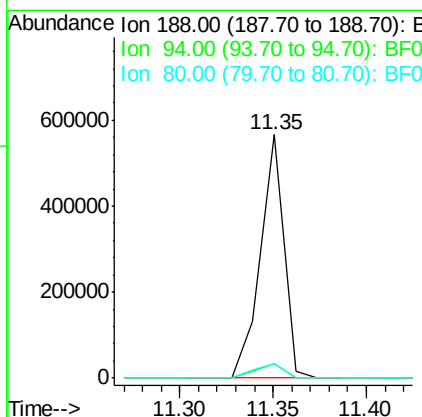
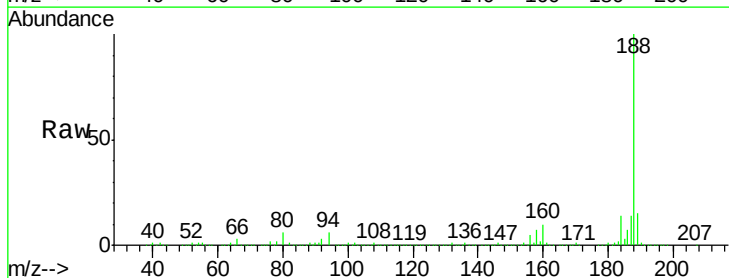
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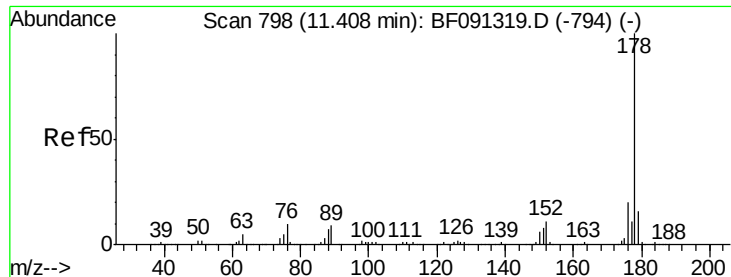
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.2	13.8#
80	6.1	10.5	15.7#





#70

Phenanthrene

Concen: 10.59 ng

RT: 11.37 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Instrument :

BNA_F

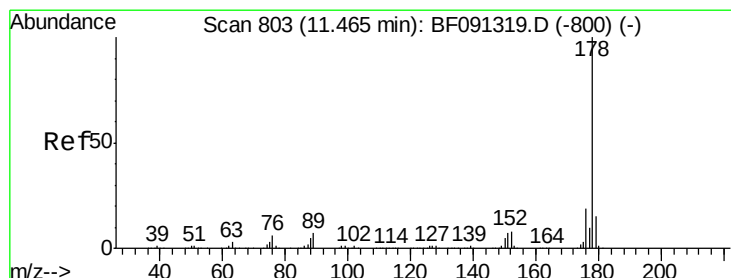
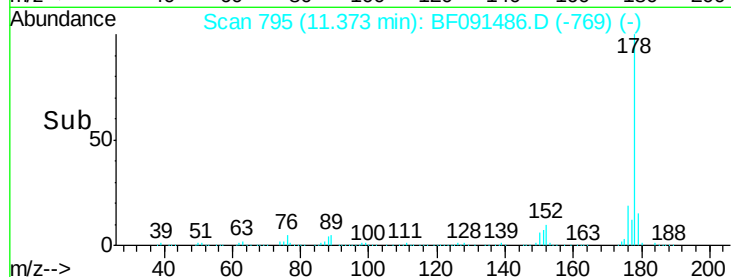
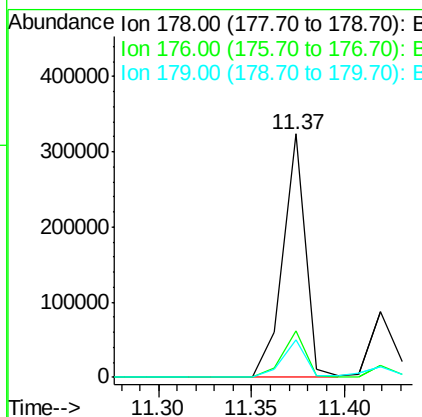
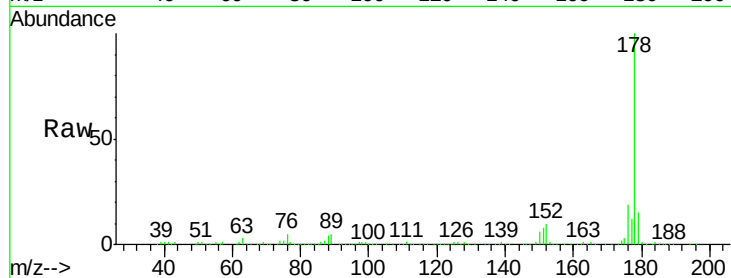
ClientSampleId :

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Tot Ion:178	Resp:	271473
Ion	Ratio	Lower Upper
178	100	
176	19.2	15.9 23.9
179	15.3	12.6 18.8

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#71

Anthracene

Concen: 3.16 ng

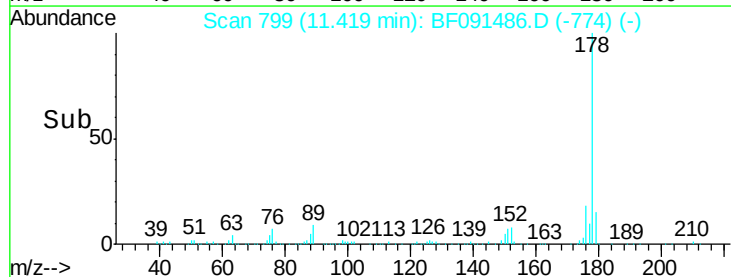
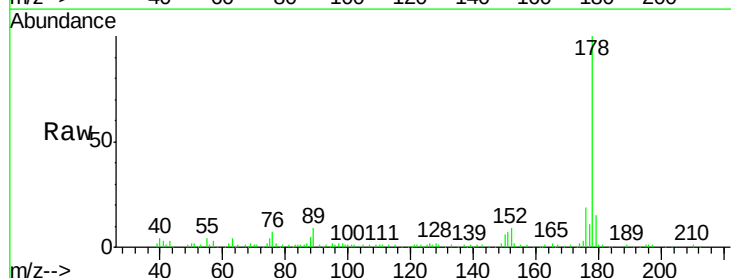
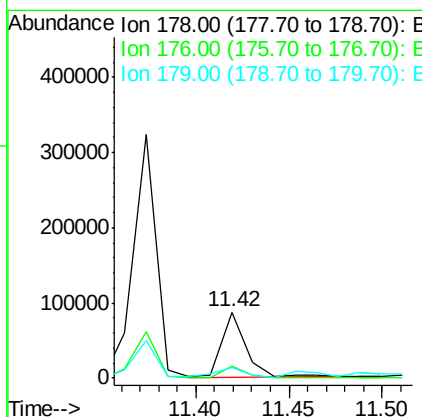
RT: 11.42 min Scan# 799

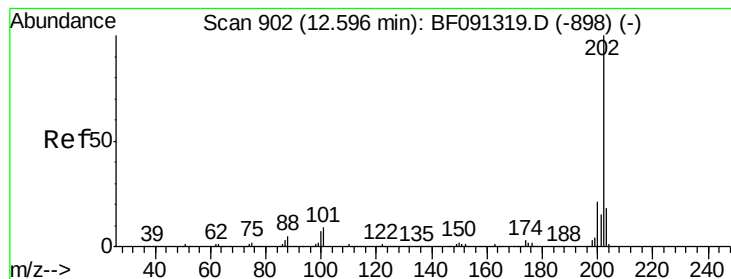
Delta R.T. -0.01 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Tgt Ion:178	Resp:	80432
Ion	Ratio	Lower Upper
178	100	
176	18.6	15.8 23.6
179	15.4	12.7 19.1





#74

Fluoranthene

Concen: 20.08 ng

RT: 12.56 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Instrument :

BNA_F

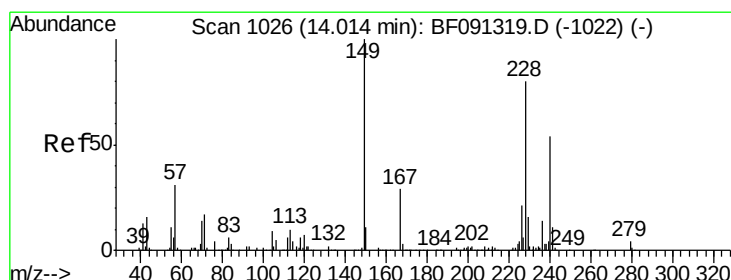
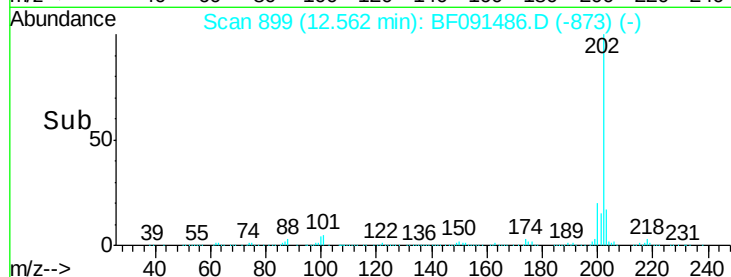
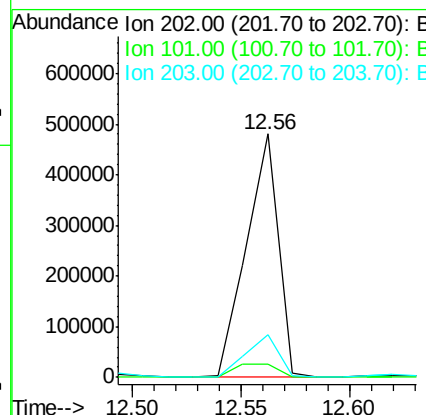
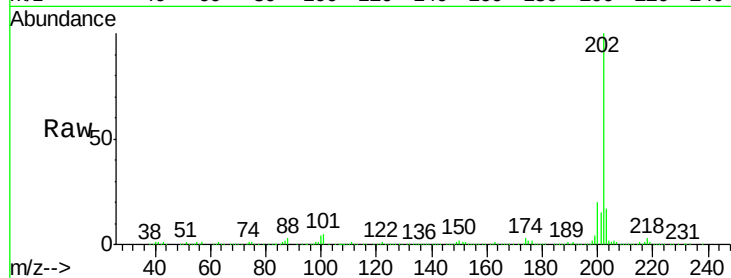
ClientSampleId :

TP19-COMP5

Tot Ion:	202	Resp:	487419
Ion Ratio		Lower	Upper
202	100		
101	5.4	0.0	29.5
203	17.4	0.0	37.8

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#75

Chrysene-d12

Concen: 20.00 ng

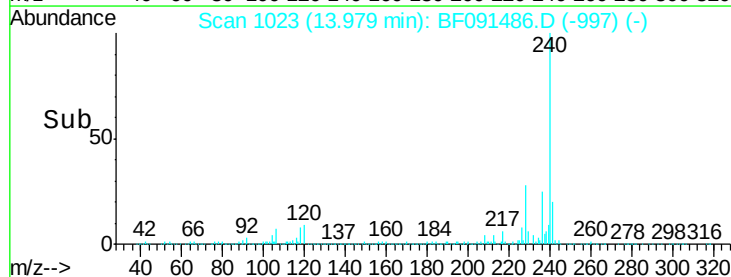
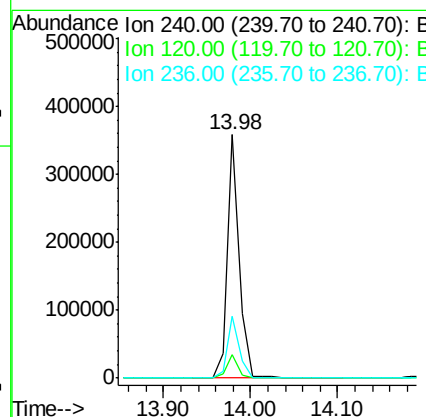
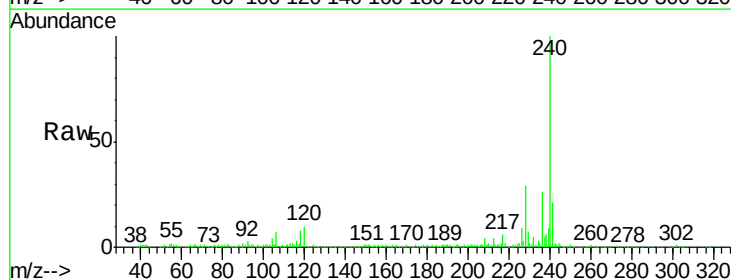
RT: 13.98 min Scan# 1023

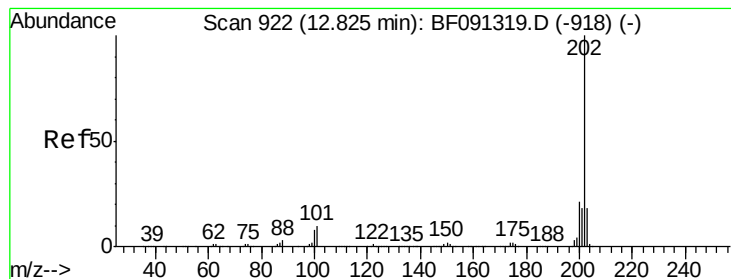
Delta R.T. -0.00 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Tgt Ion:	240	Resp:	339983
Ion Ratio		Lower	Upper
240	100		
120	9.5	12.1	18.1#
236	25.6	21.0	31.6





#77

Pvrene

Concen: 21.65 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Instrument :

BNA_F

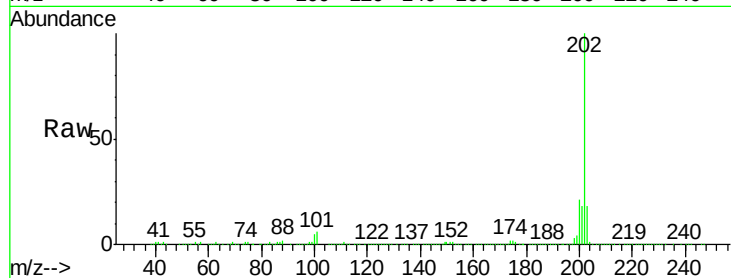
ClientSampleId :

TP19-COMP5

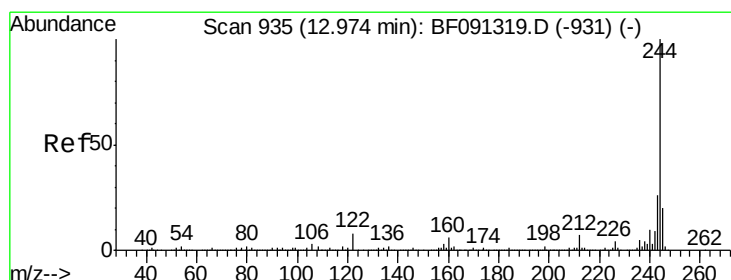
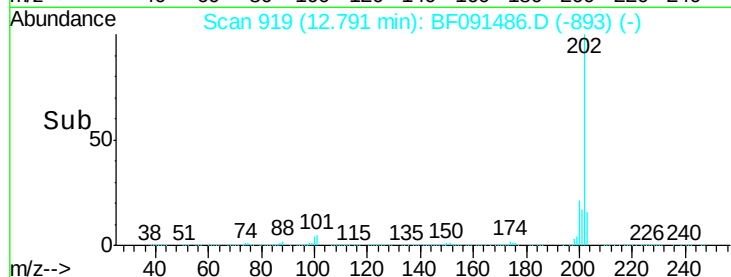
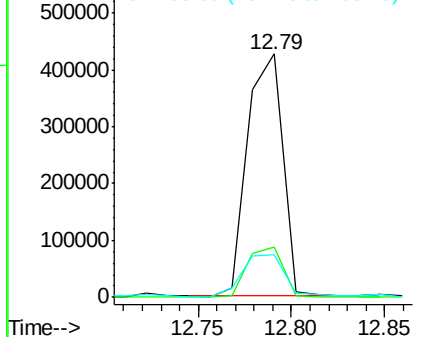
Tot Ion:	202	Resp:	558512
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.6	26.4
203	17.7	14.0	21.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 20.85 ng

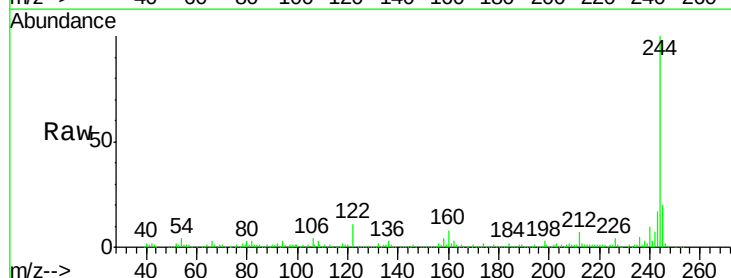
RT: 12.93 min Scan# 931

Delta R.T. -0.01 min

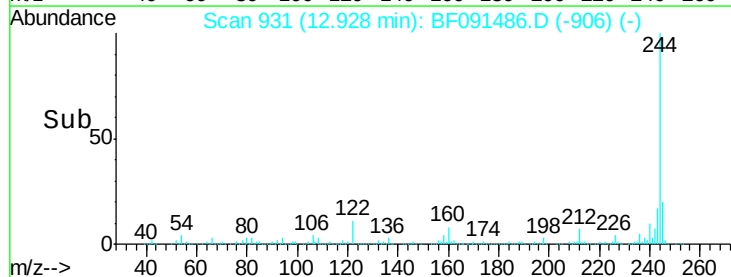
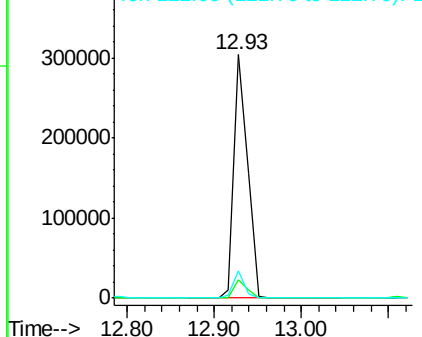
Lab File: BF091486.D

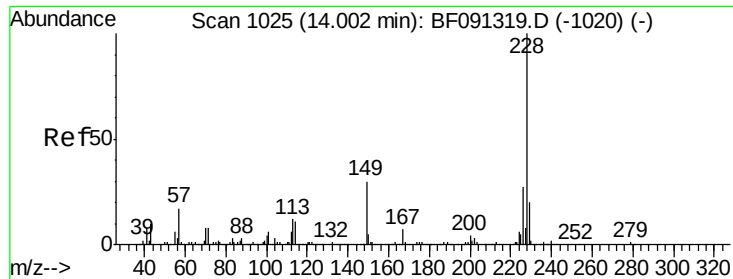
Acq: 7 Dec 2016 23:02

Tgt Ion:	244	Resp:	326066
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.5	9.7
122	11.3	9.5	14.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





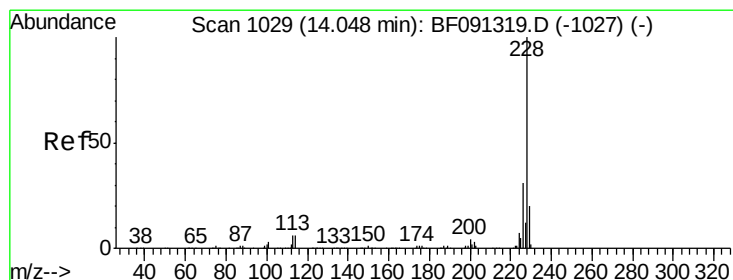
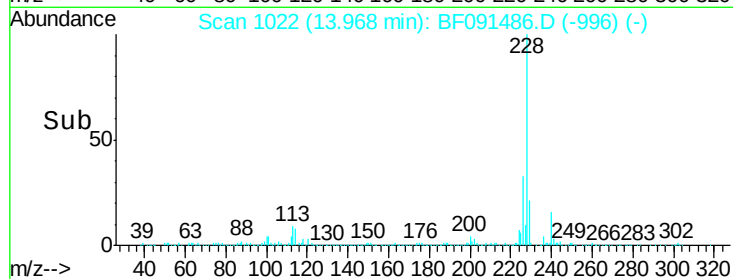
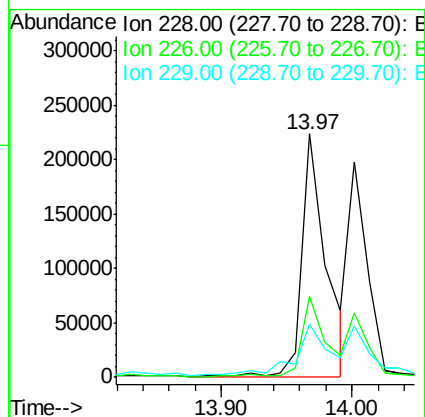
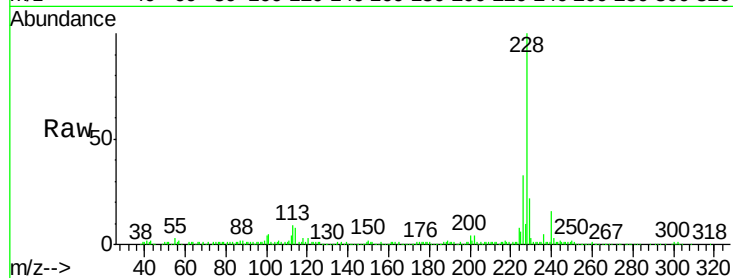
#80
Benzo(a)anthracene
Concen: 14.30 ng
RT: 13.97 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.5	33.7
229	21.7	16.4	24.6

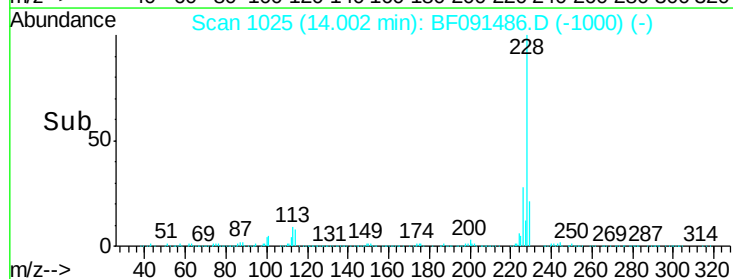
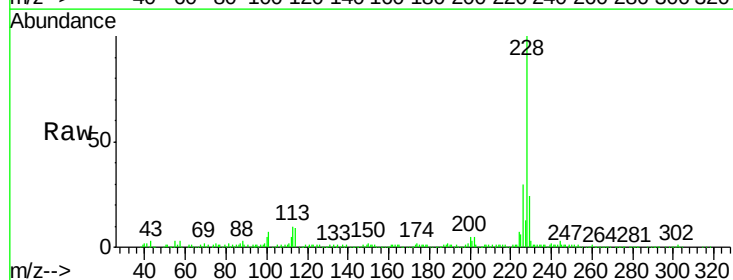
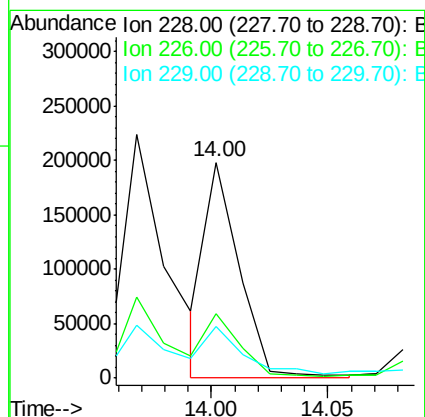
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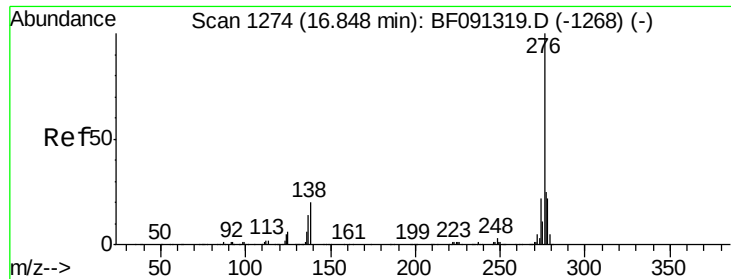
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#82
Chrysene
Concen: 10.43 ng m
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	24.0	16.0	24.0





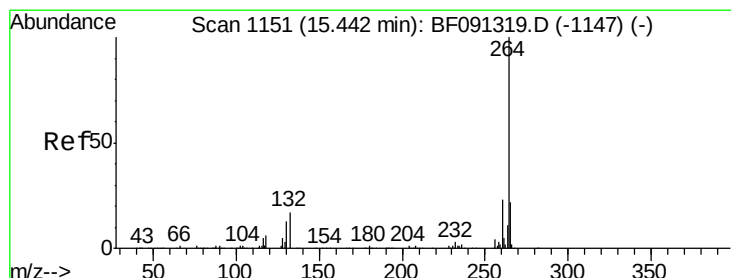
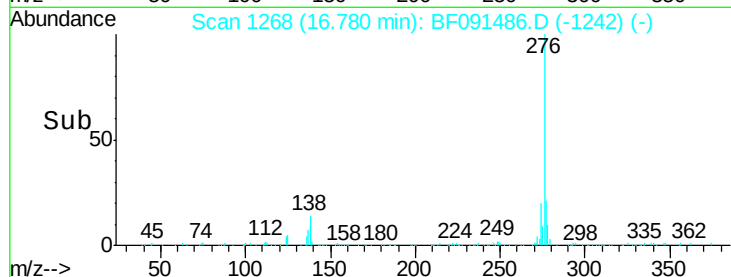
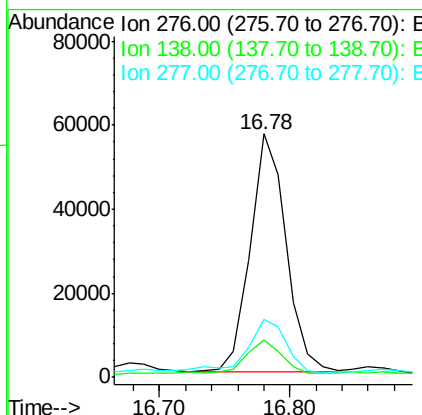
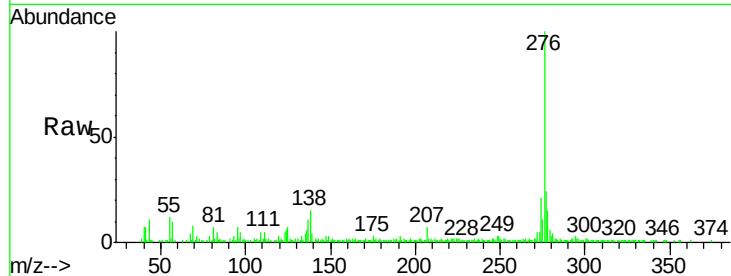
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.00 ng
RT: 16.78 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	21.0	31.4#
277	23.4	20.2	30.2

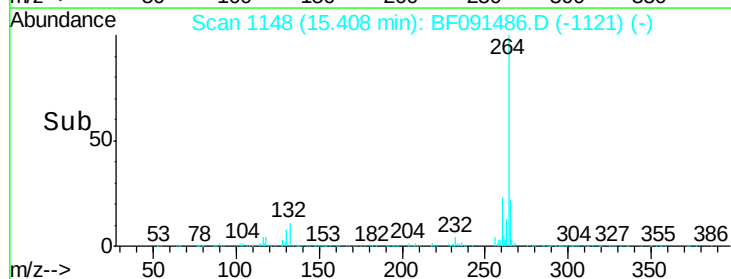
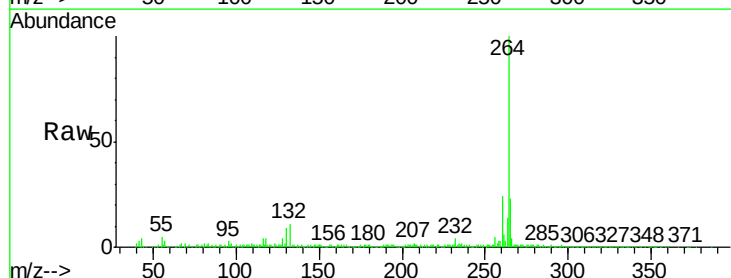
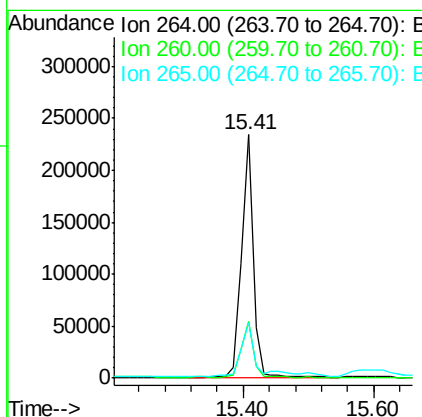
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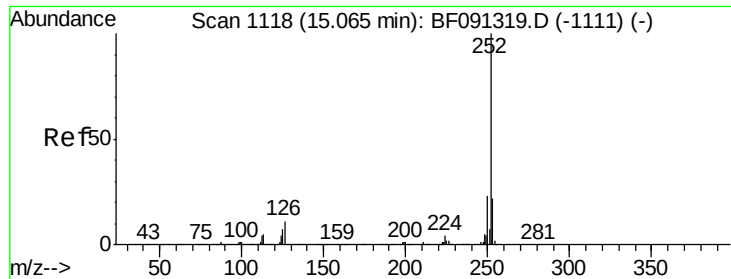
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	23.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 14.16 ng m

RT: 15.00 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Instrument :

BNA_F

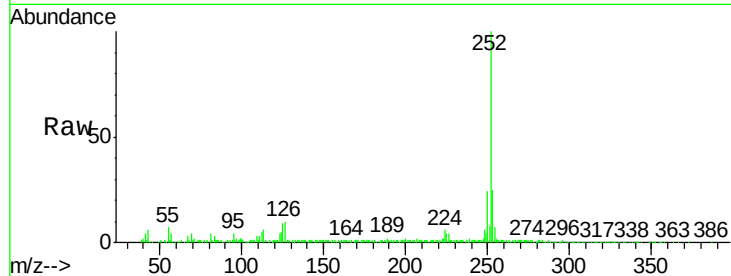
ClientSampleId :

TP19-COMP5

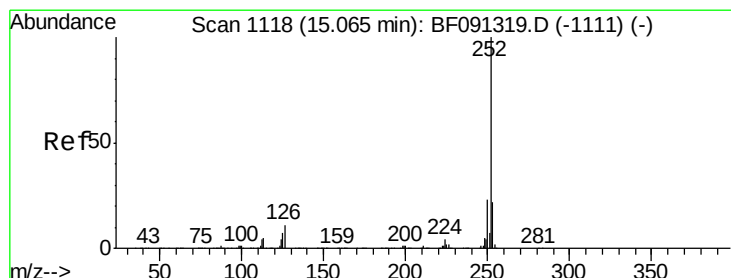
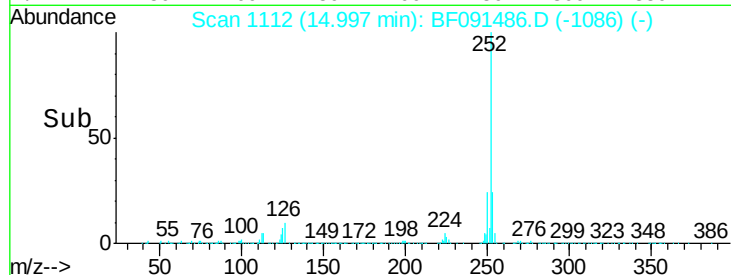
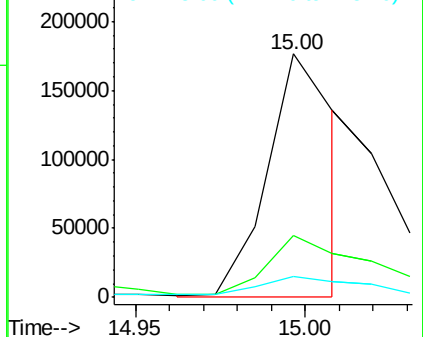
Tot Ion:	252	Resp:	251310
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.2	27.2
125	8.8	8.6	13.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.50 ng m

RT: 15.01 min Scan# 1113

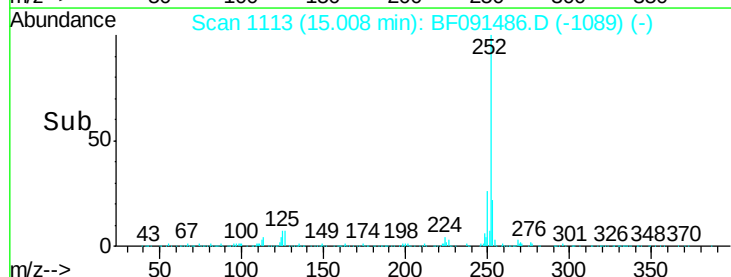
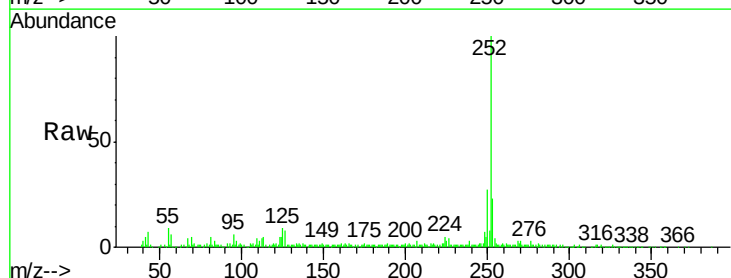
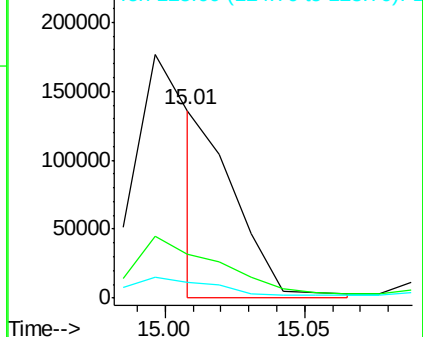
Delta R.T. -0.02 min

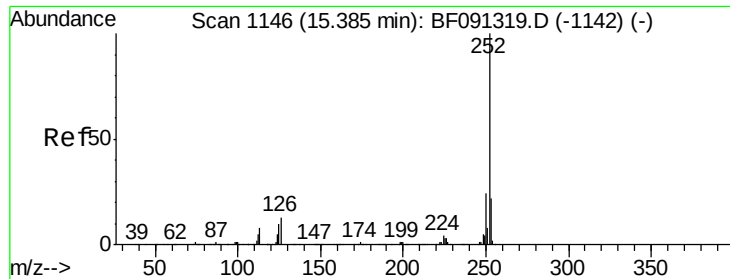
Lab File: BF091486.D

Acq: 7 Dec 2016 23:02

Tgt Ion:	252	Resp:	111908
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.8
125	8.6	9.6	14.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





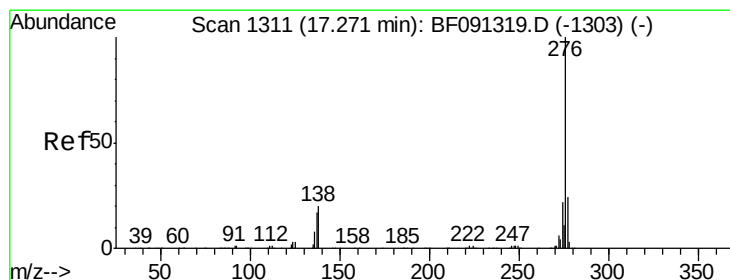
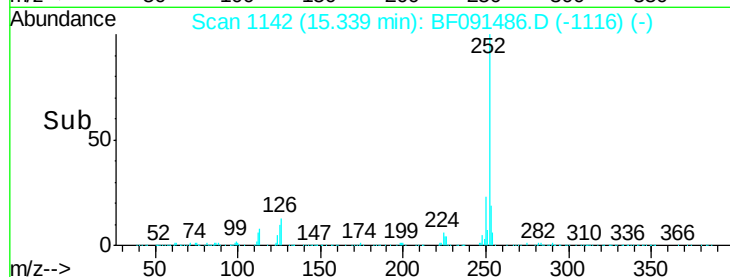
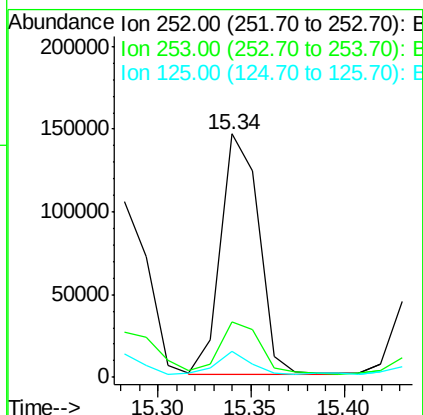
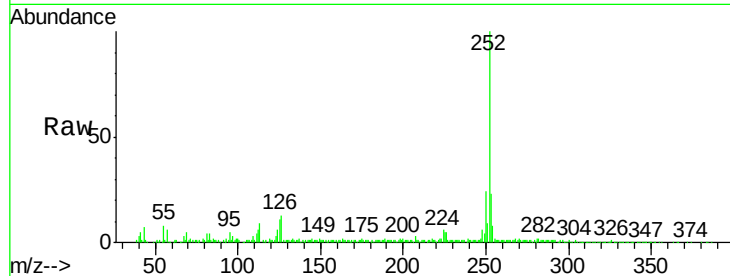
#89
Benzo(a)pyrene
Concen: 13.14 ng
RT: 15.34 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Instrument :
BNA_F
ClientSampleId :
TP19-COMP5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	10.9	10.4	15.6

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#91
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 17.20 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF091486.D
Acq: 7 Dec 2016 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	14.8	15.4	23.0#

